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SERIAL NUMBER	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
07/637,562	01/07/91	YURT	02473-0001-0

CHIN, S EXAMINER

FINNEGAN, HENDERSON, FARABOW,  
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WASHINGTON, DC 20005-3315

ART UNIT	PAPER NUMBER
2603	

DATE MAILED: 12/10/91

This is a communication from the examiner in charge of your application.  
COMMISSIONER OF PATENTS AND TRADEMARKS

☐ This application has been examined ☒ Responsive to communication filed on 10/1/1991 ☐ This action is made final.

A shortened statutory period for response to this action is set to expire 3 month(s), -0- days from the date of this letter.  
Failure to respond within the period for response will cause the application to become abandoned. 35 U.S.C. 133

Part I THE FOLLOWING ATTACHMENT(S) ARE PART OF THIS ACTION:

- |   |  |
|---|--|
| 1. <input checked="" type="checkbox"/> Notice of References Cited by Examiner, PTO-892. | 2. <input type="checkbox"/> Notice re Patent Drawing, PTO-948.                   |
| 3. <input type="checkbox"/> Notice of Art Cited by Applicant, PTO-1449.                 | 4. <input type="checkbox"/> Notice of Informal Patent Application, Form PTO-152. |
| 5. <input type="checkbox"/> Information on How to Effect Drawing Changes, PTO-1474.     | 6. <input type="checkbox"/>  |

Part II SUMMARY OF ACTION

1. ☒ Claims 1-58 are pending in the application.
- Of the above, claims are withdrawn from consideration.
2. ☐ Claims have been cancelled.
3. ☐ Claims are allowed.
4. ☒ Claims 1-58 are rejected.
5. ☐ Claims are objected to.
6. ☐ Claims are subject to restriction or election requirement.
7. ☐ This application has been filed with informal drawings under 37 C.F.R. 1.85 which are acceptable for examination purposes.
8. ☐ Formal drawings are required in response to this Office action.
9. ☐ The corrected or substitute drawings have been received on Under 37 C.F.R. 1.84 these drawings are ☐ acceptable. ☐ not acceptable (see explanation or Notice re Patent Drawing, PTO-948).
10. ☐ The proposed additional or substitute sheet(s) of drawings, filed on has (have) been ☐ approved by the examiner. ☐ disapproved by the examiner (see explanation).
11. ☐ The proposed drawing correction, filed on has been ☐ approved. ☐ disapproved (see explanation).
12. ☐ Acknowledgment is made of the claim for priority under U.S.C. 119. The certified copy has ☐ been received ☐ not been received ☐ been filed in parent application, serial no. ; filed on
13. ☐ Since this application appears to be in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11; 453 O.G. 213.
14. ☐ Other

EXAMINER'S ACTION

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1. The following is a quotation of 35 U.S.C. § 103 which forms the basis for all obviousness rejections set forth in this Office action:

A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Subject matter developed by another person, which qualifies as prior art only under subsection (f) or (g) of section 102 of this title, shall not preclude patentability under this section where the subject matter and the claimed invention were, at the time the invention was made, owned by the same person or subject to an obligation of assignment to the same person.

2. Claims 1-11, 33, 41-46 are rejected under 35 U.S.C. § 103 as being unpatentable over Abraham (806) in view of Ulicki (newly cited).

Abraham discloses all the subject matter claimed, note fig. 4, except for the identification encoding and the conversion and ordering means. Ulicki teaches a pictorial information retrieval system wherein unique pictorial information being stored in each frame for display thereof in response to request; in addition, an audio track having a unique frame identification code information stored thereon for providing a frame location signal which is utilized to retrieve the frame. It would have been obvious to one of an ordinary skill in the art to incorporate Ulicki's teaching in the A/D converter (64) of Abraham so as to facilitate

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the selected retrieved information to the subscriber.

3. Claims 19-32, 34-40, 47-58 are rejected under 35 U.S.C.

§ 103 as being unpatentable over Abraham (806), in view of Ulicki and Keith et al.

References Abraham and Ulicki are cited as explained in the previous paragraph. Keith teaches a digital video decompression system wherein a CD ROM (24) is used for providing a buffer store of a received data information. It would have been obvious to one of an ordinary skilled in the art to use a buffer so as to provide a real time retrieval system.

4. The following is a quotation of the first paragraph of 35 U.S.C. § 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

The specification is objected to under 35 U.S.C. § 112, first paragraph, as failing to provide an adequate written description of the invention.

There is no description in the specification about the technique of multi-dimensional analysis.

5. Claims 12-17 are rejected under 35 U.S.C. § 112, first paragraph, for the reasons set forth in the objection to the specification.

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6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Stephen Chin whose telephone number is (703) 308-0544.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 308-0962.

S. CHIN:lm  
December 06, 1991



STEPHEN CHIN  
PRIMARY EXAMINER  
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